

Labyrinth Supporting Cells

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Recent Publications on Labyrinth Supporting Cells:



- [Mitochondria modulate the spatio-temporal properties of intra- and intercellular Ca²⁺ signals in cochlear supporting cells.](#)
*In the cochlea, cell damage triggers intercellular Ca²⁺ waves that...*3rd November, 2009
UCL Ear Institute, 332 Gray's Inn Road, London WC1X 8EE, UK; Department of- Cell Calcium. 2009 Aug;46(2):136-46. Epub 2009 Jul 23. ([DOI Direct Link](#))
- [Distribution of the Na,K-ATPase alpha subunit in the rat spiral ganglion and organ of corti.](#)
*Processing of sound in the cochlea involves both afferent and efferent...*24th June, 2009
Department of Biology and Marine Biology, University of North Carolina- J Assoc Res Otolaryngol. 2009 Mar;10(1):37-49. Epub 2008 Dec 12. ([DOI Direct Link](#))
- [Notch regulation of progenitor cell behavior in quiescent and regenerating auditory epithelium of mature birds.](#)
*Unlike mammals, birds regenerate auditory hair cells (HCs) after injury...*25th March, 2009
Vertebrate Development Laboratory, Cancer Research UK, London, UK.- Dev Biol. 2009 Feb 1;326(1):86-100. Epub 2008 Nov 5. ([DOI Direct Link](#))
- [Reinforcement of cell junctions correlates with the absence of hair cell regeneration in mammals and its occurrence in birds.](#)
*Debilitating hearing and balance deficits often arise through damage to...*17th December, 2008
Department of Biomedical Engineering, University of Virginia School of- J Comp Neurol. 2008 Nov 20;511(3):396-414. ([DOI Direct Link](#))
- [WDR1 presence in the songbird basilar papilla.](#)
*WD40 repeat 1 protein (WDR1) was first reported in the acoustically...*30th August, 2008
Department of Biology, University of Maryland, Biology Psychology- Hear Res. 2008 Jun;240(1-2):102-11. Epub 2008 Apr 15. ([DOI Direct Link](#))
- [Response of the flat cochlear epithelium to forced expression of Atoh1.](#)
*Following hair cell elimination in severely traumatized cochleae...*30th August, 2008
Kresge Hearing Research Institute, The University of Michigan Medical- Hear Res. 2008 Jun;240(1-2):52-6. Epub 2008 Mar 7. ([DOI Direct Link](#))
- [Peptide- and collagen-based hydrogel substrates for in vitro culture of chick cochleae.](#)
*The overall goal of this work is to improve the culture of the auditory...*25th April, 2008
Laboratory for Cellular and Molecular Hearing Research, Department of- Biomaterials. 2008 Mar;29(8):1028-42. Epub 2007 Nov 26. ([DOI Direct Link](#))
- [Gentamicin ototoxicity in the saccule of the lizard Podarcis Sicula induces hair cell recovery and regeneration.](#)

*There is little information available on the susceptibility of reptilian...*7th March, 2008
Department of Biological Science, Section of Genetics and Molecular- Hear Res. 2008
Jan;235(1-2):15-22. Epub 2007 Oct 1. ([DOI Direct Link](#))

- [Non-sensory cells in the deafened organ of Corti: approaches for repair.](#)
*After moderate cochlear trauma, hair cells degenerate and their places are...*1st February, 2008
Department of Otolaryngology, Kresge Hearing Research Institute,- Int J Dev Biol. 2007;51(6-7):649-54. ([DOI Direct Link](#))
- [Hair cell regeneration in the avian auditory epithelium.](#)
*Regeneration of sensory hair cells in the mature avian inner ear was first...*1st February, 2008
Virginia Merrill Bloedel Hearing Research Center, Department of- Int J Dev Biol. 2007;51(6-7):633-47. ([DOI Direct Link](#))
- [Cellular commitment and differentiation in the organ of Corti.](#)
*The organ of Corti, the sensory epithelium of the mammalian cochlea,...*1st February, 2008
Section on Developmental Neuroscience, National Institute on Deafness and- Int J Dev Biol. 2007;51(6-7):571-83. ([DOI Direct Link](#))
- [Establishment of a proneural field in the inner ear.](#)
*Hair-cells, supporting cells and sensory neurons are the main specialized...*1st February, 2008
Developmental Biology, Dept. of Experimental Sciences and Health, Pompeu- Int J Dev Biol. 2007;51(6-7):483-93. ([DOI Direct Link](#))
- [Neural stem cells injected into the sound-damaged cochlea migrate throughout the cochlea and express markers of hair cells, supporting cells, and spiral ganglion cells.](#)
*Most cases of hearing loss are caused by the death or dysfunction of one...*6th December, 2007
Department of Communication Sciences and Disorders, Emerson College,- Hear Res. 2007
Oct;232(1-2):29-43. Epub 2007 Jun 20. ([DOI Direct Link](#))
- [Manipulating cell cycle regulation in the mature cochlea.](#)
*Sensorineural hearing loss, which is often caused by degeneration of hair...*6th December, 2007
Kresge Hearing Research Institute, The University of Michigan, MSRB 3, Rm.- Hear Res. 2007
Oct;232(1-2):44-51. Epub 2007 Jun 15. ([DOI Direct Link](#))
- [Selective cochlear degeneration in mice lacking the F-box protein, Fbx2, a glycoprotein-specific ubiquitin ligase subunit.](#)
*Little is known about the role of protein quality control in the inner...*23rd June, 2007
Medical Scientist Training Program, University of Iowa Roy J. and Lucille- J Neurosci. 2007 May
9;27(19):5163-71. ([DOI Direct Link](#))

Labyrinth Supporting Cells Patents:



- 7531636- [Antibodies to murine zcytor17 ligand](#)
- 7507795- [Murine ZCYTOR17 ligand polypeptides](#)
- 7494804- [Polynucleotide encoding cytokine receptor zcytor17 multimer](#)
- 7459293- [Cytokine zcytor17 ligand polynucleotides](#)
- 7425325- [Cytokine zcytor17 ligand polypeptides](#)
- 7064186- [Cytokine zcytor17 ligand](#)

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